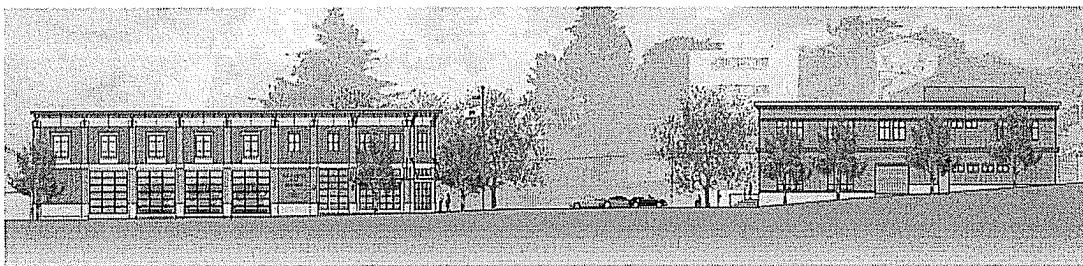




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**City of Sausalito Public Safety Facilities**  
Police Station 29 Caledonia Street  
Fire Station 333 Johnson Street  
Sausalito, CA

**Monthly Report**  
**No. 2 January 2008**



**Rendering of the new Buildings**



**Previous Fire Station and Police Station**

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**Monthly Report – New Construction**  
**No. 2 January 2009**

(6c)  
1-13-09  
1



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## **City of Sausalito Public Safety Facilities**

**Police Station 29 Caledonia Street**

**Fire Station 333 Johnson Street**

**Sausalito, CA**

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  - 1.2 Project Team
- 2 Executive Summary**
- 3 Key Project Issues**
- 4. Project Schedule**
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- 5. Construction Contract and Budget**
- 6. Progress Photos**



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## City of Sausalito Public Safety Facilities

Police Station 29 Caledonia Street  
Fire Station 333 Johnson Street  
Sausalito, CA

### 1 PROJECT DATA

#### 1.1 Project Description

The Project is the Design and Construction of the Public Safety Facilities for the City of Sausalito. These Facilities are the Police and Fire Stations. These will be two separate buildings on two separate sites. The Police station will be located at 29 Caledonia St. and the Fire Station will be located at 333 Johnson St. The approximate square footage of the new fire station has been revised to 11,703 S.F. and the new police station revised to 8,371 S.F. Construction is scheduled to begin in October 2008. Current projection for completion is 14 months.

#### 1.2 Project Team

**Owner**

City of Sausalito  
Sausalito City Council  
Adam Politzer, City Manager  
Jonathon Goldman, Director of Public Works

**Architect**

Glass Architects  
Eric Glass, Principal

**Construction Manager**

Swinerton Management & Consulting  
John Baker, Project Executive  
Loren Umbertis, Project Manager

**General Contractor**

Alten Construction  
Bob Alten, President  
Andrew Nortz, Project Manager  
Paul Fitzgerald, Superintendent

**Civil Engineer - Survey**

BKF Engineers

**Geotechnical Engineers**

Consolidated Engineering

**Environmental Engineer**

GPI Environmental Management

**Initial Study/Mitigated Negative Declaration**

Pacific Municipal Consultants



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## **City of Sausalito Public Safety Facilities**

**Police Station 29 Caledonia Street**

**Fire Station 333 Johnson Street**

**Sausalito, CA**

### **2 EXECUTIVE SUMMARY**

Notice to Proceed was issued to Alten Construction on October 9<sup>th</sup>, 2008, for the Public Safety Facilities Project. The contract project duration is 420 calendar days. As of this report, January 5th, the project is approximately 3 months underway.

**Fire Department Site:** Alten and the City of Sausalito removed the underground tanks in November. Additional soils testing was conducted on the spoils to determine what, if any, contaminants were contained within the soil. Testing concluded that a majority of the soil was considered to be Class II – non hazardous, and in mid-December this soil was off-hauled to a landfill site. A smaller amount of soil, immediately surrounding the location of the tanks, was determined to contain higher levels of gasoline residuals, and was transported to a different landfill capable of accepting this soil. As of mid-December, all spoils from the underground tank site was removed from the site. Alten proceeded to in-fill the excavation area with clean soil. As part of the process, AEW, the City's environmental Engineer, conducted groundwater sampling at multiple locations around the excavation and the results indicated that the existence of any contaminants were below the ESL (Environmental Screening Levels) thresholds as stipulated by the Regional Water Quality Control Board. This was a very good result. We are now in the process of obtaining a Closure Report for our site.

Unfortunately, the existence of the tanks and the processes for their removal will result in approximately a month and a half of delay to the Project.

Getting back on track, Alten delivered the materials for the Tubex Pile System and will begin their installation in early January 2009.

**Police Station Site:** Alten began installing the Temporary Shoring. However, during the installation, it was discovered that the type of bedrock required for the proper installation, was not present as expected. The bedrock in that area was not at consistent and regular depths as anticipated, but varied slightly from location to location. This required that an underpinning system be designed and installed at the adjacent structure. This underpinning system was completed in December. As a result of the inconsistent soil conditions, it was decided that Alten would provide a temporary shoring system that would incorporate a tie-back system as well as soldier piles to provide support to the adjacent hillside. The soldier pile installation was started in late December and will continue during the first half of January.

As a result of heavy rains and inconsistent soil conditions, a small amount of movement did occur at the southwest corner of the site that resulted in damage to an adjacent property owner's fence and yard area. Swinerton Management & Consulting, along with Alten Construction, has been in contact with this property owner. It will be required to repair this fence and address the additional



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**City of Sausalito Public Safety Facilities**  
**Police Station 29 Caledonia Street**  
**Fire Station 333 Johnson Street**  
**Sausalito, CA**

movement of soil. The extent of the repair will need to be assessed and Alten Construction will be assessed the cost of the repair work.

Alten Construction will continue to install the temporary shoring, which is scheduled to be completed in mid-January, after which, attention will be focused upon the installation of the permanent retaining walls for the Police Department building and site work.

**3 KEY PROJECT ISSUES**

The discovery of the tanks at the Fire Department site did present a challenge to the Project. It is expected that the delay caused by the discovery, the subsequent removal and testing, and the delivery of new soil may impact the Project Schedule approximately 1.5 months. In addition to the project delay, there will be additional costs including extended General Conditions for the delay period, as well as costs associated with the removal of affected soil. These costs are being calculated and will be presented to the City of Sausalito as a Change Order.

At the time of this report, the Project is back to the regularly scheduled activities. The pile installation will be completed by mid-January and site work for the Fire Department site will proceed.

The shoring of the hillside adjacent to the Police Department has also been a challenge, but all issues related to the temporary shoring appear to have been resolved and that portion of the Project is proceeding as weather and site conditions allow. Our geotechnical consultant has been closely involved with the shoring installation and has been present regularly providing observation. As part of the general progress, surveyors have been hired to conduct periodic monitoring of the adjacent structures and the retaining wall after each significant phase of the Project.

As previously mentioned in the executive summary, there was damage caused to an adjacent property owner's perimeter fence and a portion of landscaped area. This was a result of significant rains and unexpected soil conditions. This damage will need to be addressed and repaired and because this was the result of construction activities, Alten Construction will be responsible for the remediation. SMC and Alten have been in regular contact with the adjacent property owners and the extent of the damage will be assessed and dealt with accordingly. There was no damage to the property owner's residence, but limited to the fence and a portion of landscaping approximately 100' from the residence. Swinerton Management & Consulting is closely monitoring this unfortunate issue.



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## **City of Sausalito Public Safety Facilities**

**Police Station 29 Caledonia Street**

**Fire Station 333 Johnson Street**

**Sausalito, CA**

### **4 PROJECT SCHEDULE**

Critical Path Schedule from Alten Construction attached.

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float	2008												2009												
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A						
<b>MILESTONES</b>																														
00100	NOTICE TO PROCEED		0	09OCT08A																										
00200	CONTRACT DURATION		420	09OCT08A	02DEC09	55																								
<b>SUBMITTALS / PROCUREMENT</b>																														
01500	PREPARE / SUBMIT PILING		17	09OCT08A	05NOV08A																									
01600	REVIEW / APPROVE PILING		5	06NOV08A	14NOV08A																									
01700	PROCURE / DELIVER PILING (INCL IND. PROGRAM)		10	17NOV08A	10DEC08	22																								
01720	PREPARE / SUBMIT SHORING		13	09OCT08A	27OCT08A																									
01730	REVIEW / APPROVE SHORING		19	28OCT08A	21NOV08A																									
01800	PREPARE / SUBMIT INTEGRAL COLOR CONCRETE PAVING		40	09OCT08A	22DEC08	134																								
01900	REVIEW / APPROVE INTEGRAL COLOR CONCRETE PAVING		8	23DEC08	07JAN09	134																								
02000	PROCURE / DELIVER COLOR CONC PAVING MATERIALS		10	08JAN09	22JAN09	134																								
02100	PREPARE / SUBMIT PLANTING AND IRRIGATION		60	09OCT08A	03NOV08A																									
02200	REVIEW / APPROVE PLANTING AND IRRIGATION		8	04NOV08A	18NOV08A																									
02300	PROCURE / DELIVER PLANTING AND IRRIGATION		20	19NOV08A	15DEC08	268																								
02400	PREPARE / SUBMIT CONCRETE REINFORCEMENT		20	09OCT08A	15DEC08	23																								
02500	REVIEW / APPROVE CONCRETE REINFORCEMENT		8	16DEC08	29DEC08	23																								
02600	PROCURE / DELIVER CONCRETE REINFORCEMENT		5	30DEC08	07JAN09	23																								
02700	PREPARE / SUBMIT CONCRETE MIX DESIGNS		20	09OCT08A	15DEC08	33																								
02800	REVIEW / APPROVE CONCRETE MIX DESIGNS		8	16DEC08	29DEC08	33																								
03000	PREPARE / SUBMIT VAPOR CONTROL		30	09OCT08A	30OCT08A																									
03100	REVIEW / APPROVE VAPOR CONTROL		8	31OCT08A	10NOV08A																									
03200	PROCURE / DELIVER VAPOR CONTROL (AVAILABLE)		5	11NOV08A	17NOV08A																									
03300	PREPARE / SUBMIT CMU		30	09OCT08A	01DEC08A																									
03400	REVIEW / APPROVE CMU		8	02DEC08A	10DEC08	80																								
03500	PROCURE / DELIVER CMU		10	11DEC08	24DEC08	80																								
03600	PREPARE / SUBMIT CAST STONE MASONRY		60	09OCT08A	09JAN09	156																								
03700	REVIEW / APPROVE CAST STONE MASONRY		8	13JAN09	22JAN09	156																								
03800	PROCURE / DELIVER CAST STONE MASONRY		40	23JAN09	20MAY09	156																								
03900	PREPARE / SUBMIT STRUCTURAL STEEL		27	09OCT08A	14NOV08A																									
04000	REVIEW / APPROVE STRUCTURAL STEEL		8	17NOV08A	10DEC08	78																								
04100	PROCURE / DELIVER STRUCTURAL STEEL		45	11DEC08	19FEB09	78																								
04500	PREPARE / SUBMIT STEEL DECKING		35	09OCT08A	14NOV08A																									
04600	REVIEW / APPROVE STEEL DECKING		8	17NOV08A	10DEC08	83																								
04700	PROCURE / DELIVER STEEL DECKING		40	11DEC08	12FEB09	83																								
04800	PREPARE / SUBMIT METAL STAIRS		22	09OCT08A	22DEC08	53																								
<b>CONTRACT DURATION</b>																														
Start Date	09OCT08	SG1A	ALTEN CONSTRUCTION, INC.																											
Finish Date	27MAR10		Date																											
Data Date	09DEC08		Revision																											
Run Date	10DEC08 23:03		Checked																											
<i>1-Lec 13-09</i>																														
<b>Critical Activity</b>																														
<b>SAUSOLITO PUBLIC SAFETY BUILDINGS</b>																														
12/09/08 UPDATE ALL ACTIVITIES																														
Sheet 1 of 15																														

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float	2008							2009							2010						
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A		
04900	REVIEW / APPROVE METAL STAIRS (DEFERRED)	22	23DEC08	28JAN09	53																					
05000	PROCURE / DELIVER METAL STAIRS	40	29JAN09	26MAR09	53																					
05100	PREPARE / SUBMIT DECORATIVE METAL RAILINGS	27	09OCT08A	17NOV08A																						
05200	REVIEW / APPROVE DECORATIVE METAL RAILINGS	8	18NOV08A	09DEC08	214																					
05300	PROCURE / DELIVER DECORATIVE METAL RAILINGS	40	10DEC08	11FEB09	214																					
05400	PREPARE / SUBMIT FORMED METAL CORNICE	40	09OCT08A	09DEC08	205																					
05500	REVIEW / APPROVE FORMED METAL CORNICE	8	10DEC08	19DEC08	205																					
05600	PROCURE / DELIVER FORMED METAL CORNICE	40	22DEC08	23FEB09	205																					
05700	PREPARE / SUBMIT STEEL STUDS	40	09OCT08A	14NOV08A																						
05800	REVIEW / APPROVE STEEL STUDS	8	17NOV08A	10DEC08	165																					
05900	PROCURE / DELIVER STEEL STUDS	5	11DEC08	17DEC08	165																					
06000	PREPARE / SUBMIT SHEATHING	40	09OCT08A	22DEC08	159																					
06100	REVIEW / APPROVE SHEATHING	8	23DEC08	07JAN09	159																					
06200	PROCURE / DELIVER SHEATHING	5	08JAN09	15JAN09	159																					
06300	PREPARE / SUBMIT INTERIOR ARCH. WOODWORK	40	09OCT08A	22DEC08	200																					
06400	REVIEW / APPROVE INTERIOR ARCH. WOODWORK	8	23DEC08	07JAN09	200																					
06500	PROCURE / DELIVER INTERIOR ARCH. WOODWORK	40	08JAN09	06MAR09	200																					
06600	PREPARE / SUBMIT PLASTIC PANELING	40	09OCT08A	09JAN09	211																					
06700	REVIEW / APPROVE PLASTIC PANELING	8	13JAN09	22JAN09	211																					
06800	PROCURE / DELIVER PLASTIC PANELING	20	23JAN09	20FEB09	211																					
06900	PREPARE / SUBMIT WATERPROOFING	20	09OCT08A	15DEC08	29																					
07000	REVIEW / APPROVE WATERPROOFING	8	16DEC08	29DEC08	29																					
07100	PROCURE / DELIVER WATERPROOFING	5	30DEC08	07JAN09	29																					
07200	PREPARE / SUBMIT THERMAL INSULATION	40	09OCT08A	20OCT08A																						
07300	REVIEW / APPROVE THERMAL INSULATION (AVAILABLE)	8	21OCT08A	17NOV08A																						
07400	PROCURE / DELIVER THERMAL INSULATION (AVAILABLE)	5	18NOV08A	24NOV08A																						
07500	PREPARE / SUBMIT METAL WALL PANELS	30	09OCT08A	09JAN09	210																					
07600	REVIEW / APPROVE METAL WALL PANELS	8	13JAN09	22JAN09	210																					
07700	PROCURE / DELIVER METAL ROOF SCREENS	40	23JAN09	20MAR09	210																					
07800	PREPARE / SUBMIT PVC ROOFING	50	09OCT08A	10NOV08A																						
07900	REVIEW / APPROVE PVC ROOFING	8	21NOV08A	09DEC08	204																					
08000	PROCURE / DELIVER PVC ROOFING	10	10DEC08	23DEC08	204																					
08100	PREPARE / SUBMIT ROOF ACCESSORIES	50	09OCT08A	09JAN09	167																					
08200	REVIEW / APPROVE ROOF ACCESSORIES	8	13JAN09	22JAN09	167																					
08300	PROCURE / DELIVER ROOF ACCESSORIES	20	23JAN09	20FEB09	167																					

Start Date 1-16-09	09OCT08 27MAR10	Early Bar	Approved
Finish Date 09DEC08 10DEC08 23:03	Progress Bar	Checked	
Data Date 09DEC08	Critical Activity		
Run Date 12/09/08			
Run Date 12/09/08 UPDATE ALL ACTIVITIES			

SAUSOLITO PUBLIC SAFETY BUILDINGS  
12/09/08 UPDATE  
ALL ACTIVITIES

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Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float	2008												2009												
						O	N	D	J	F	M	A	M	J	A	S	O	N	D	J	F	M	A							
08400	PREPARE / SUBMIT DOORS / FRAMES / HARDWARE	40	09OCT08A	09JAN09	120																									
08500	REVIEW / APPROVE DOORS / FRAMES / HARDWARE	8	13JAN09	22JAN09	120																									
08600	PROCURE / DELIVER DOOR FRAMES	40	23JAN09	20MARCH09	120																									
08650	PROCURE / DELIVER DOORS / HARDWARE	40	23JAN09	20MARCH09	200																									
08700	PREPARE / SUBMIT SECTIONAL DOORS	40	09OCT08A	09JAN09	120																									
08800	REVIEW / APPROVE SECTIONAL DOORS	8	13JAN09	22JAN09	120																									
08900	PROCURE / DELIVER SECTIONAL DOORS	40	23JAN09	20MARCH09	120																									
09000	PREPARE / SUBMIT ALUM ENTR. / STOREFRONTS	40	09OCT08A	09JAN09	140																									
09100	REVIEW / APPROVE ALUM ENTR. / STOREFRONTS	8	13JAN09	22JAN09	140																									
09200	PROCURE / DELIVER ALUM ENTR. / STOREFRONTS	40	23JAN09	20MARCH09	140																									
09300	PREPARE / SUBMIT WOOD WINDOWS	40	09OCT08A	09JAN09	140																									
09400	REVIEW / APPROVE WOOD WINDOWS	8	13JAN09	22JAN09	140																									
09500	PROCURE / DELIVER WOOD WINDOWS	40	23JAN09	20MARCH09	140																									
09600	PREPARE / SUBMIT UNIT SKYLIGHTS	40	09OCT08A	03NOV08A																										
09700	REVIEW / APPROVE UNIT SKYLIGHTS	8	04NOV08A	09DEC08	238																									
09800	PROCURE / DELIVER UNIT SKYLIGHTS	40	10DEC08	11FEB09	238																									
09900	PREPARE / SUBMIT TUBULAR SKYLIGHTS	40	09OCT08A	20OCT08A																										
10000	REVIEW / APPROVE TUBULAR SKYLIGHTS	8	21OCT08A	09DEC08	238																									
10100	PROCURE / DELIVER TUBULAR SKYLIGHTS	40	10DEC08	11FEB09	238																									
10200	PREPARE / SUBMIT MIRRORS	40	09OCT08A	09JAN09	209																									
10300	REVIEW / APPROVE MIRRORS	8	13JAN09	22JAN09	209																									
10400	PROCURE / DELIVER MIRRORS	25	23JAN09	27FEB09	209																									
10500	PREPARE / SUBMIT PORTLAND CEMENT PLASTER	40	09OCT08A	24NOV08A																										
10600	REVIEW / APPROVE PORTLAND CEMENT PLASTER	8	25NOV08A	10DEC08	177																									
10700	PROCURE / DELIVER PLASTER MATERIALS	10	11DEC08	24DEC08	177																									
10800	PREPARE / SUBMIT GYPSUM BOARD	40	09OCT08A	09JAN09	152																									
10900	REVIEW / APPROVE GYPSUM BOARD	8	13JAN09	22JAN09	152																									
11000	PROCURE / DELIVER GYPSUM BOARD	40	23JAN09	20MARCH09	152																									
11100	PREPARE / SUBMIT TILING	40	09OCT08A	02DEC08A																										
11200	REVIEW / APPROVE TILING	8	03DEC08A	10DEC08	208																									
11300	PROCURE / DELIVER TILING	40	11DEC08	12FEB09	208																									
11400	PREPARE / SUBMIT BRICK TILE VENEER	40	09OCT08A	02DEC08A																										
11500	REVIEW / APPROVE BRICK TILE VENEER	8	03DEC08A	11DEC08	186																									
11600	PROCURE / DELIVER BRICK TILE VENEER	40	12DEC08	13FEB09	186																									
11700	PREPARE / SUBMIT ACOUSTICAL PANEL CEILINGS	40	09OCT08A	17OCT08A																										

Start Date 09OCT08  
Finish Date 27MAR10  
Data Date 09DEC08  
Run Date 10DEC08 23:03  
1-6C/  
9-13-09  
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SAUSOLITO PUBLIC SAFETY BUILDINGS  
12/09/08 UPDATE  
ALL ACTIVITIES

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float	2008						2009						2010							
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	
11800	REVIEW / APPROVE ACOUSTICAL PANEL CEILINGS	8	20OCT08A	09DEC08	229																				
11900	PROCURE / DELIVER ACOUSTICAL CEILINGS	10	10DEC08	23DEC08	229																				
12000	PREPARE / SUBMIT RESILIENT FLOORING	60	09OCT08A	26JAN09	202																				
12100	REVIEW / APPROVE RESILIENT FLOORING	8	27JAN09	05FEB09	202																				
12200	PROCURE / DELIVER RESILIENT FLOORING	20	06FEB09	06MAR09	202																				
12600	PREPARE / SUBMIT RESILIENT ATHLETIC FLOORING	60	09OCT08A	26JAN09	205																				
12700	REVIEW / APPROVE RESILIENT ATHLETIC FLOORING	8	27JAN09	05FEB09	205																				
12800	PROCURE / DELIVER RESILIENT ATHLETIC FLOORING	20	06FEB09	06MAR09	205																				
12900	PREPARE / SUBMIT CARPETING	60	09OCT08A	09JAN09	212																				
13000	REVIEW / APPROVE CARPETING	8	13JAN09	22JAN09	212																				
13100	PROCURE / DELIVER CARPETING	20	23JAN09	20FEB09	212																				
13200	PREPARE / SUBMIT PAINTING	60	09OCT08A	09JAN09	202																				
13300	REVIEW / APPROVE PAINTING	8	13JAN09	22JAN09	202																				
13400	PROCURE / DELIVER PAINTING	5	23JAN09	29JAN09	202																				
13500	PREPARE / SUBMIT VISUAL DISPLAY SURFACES	60	09OCT08A	09JAN09	234																				
13600	REVIEW / APPROVE VISUAL DISPLAY SURFACES	8	13JAN09	22JAN09	234																				
13700	PROCURE / DELIVER MARKERBOARDS	20	23JAN09	20FEB09	234																				
13800	PREPARE / SUBMIT SIGNAGE	40	09OCT08A	26JAN09	203																				
13900	REVIEW / APPROVE SIGNAGE	8	27JAN09	05FEB09	203																				
14000	PROCURE / DELIVER SIGNAGE	40	06FEB09	03APR09	203																				
14100	PREPARE / SUBMIT TOILET COMPARTMENTS / ACCESS.	40	09OCT08A	31OCT08A	239																				
14200	REVIEW / APPROVE TOILET COMPARTMENTS / ACCESS.	8	03NOV08A	08DEC08A	239																				
14300	PROCURE / DELIVER TOILET COMPARTMENTS / ACCESS.	40	09DEC08	10FEB09	239																				
14400	PREPARE / SUBMIT WALL PROTECTION	40	09OCT08A	10NOV08A	218																				
14500	REVIEW / APPROVE WALL PROTECTION	8	11NOV08A	10DEC08	218																				
14600	PROCURE / DELIVER WALL PROTECTION	40	11DEC08	12FEB09	218																				
14700	PREPARE / SUBMIT FIRE EXTINGUISHERS / CABINETS	40	09OCT08A	20OCT08A	252																				
14800	REVIEW / APPROVE FIRE EXTINGUISHERS / CABINETS	8	21OCT08A	24NOV08A	252																				
14900	PROCURE / DELIVER FIRE EXTINGUISHERS / CABINETS	40	25NOV08A	26JAN09	252																				
15000	PREPARE / SUBMIT METAL LOCKERS	40	09OCT08A	27OCT08A	232																				
15100	REVIEW / APPROVE METAL LOCKERS	8	28OCT08A	24NOV08A	232																				
15200	PROCURE / DELIVER METAL LOCKERS	40	25NOV08A	26JAN09	232																				
15300	PREPARE / SUBMIT TURNOUT LOCKERS	40	09OCT08A	27OCT08A	235																				
15400	REVIEW / APPROVE TURNOUT LOCKERS	8	28OCT08A	24NOV08A	235																				
15500	PROCURE / DELIVER TURNOUT LOCKERS	40	25NOV08A	26JAN09	235																				

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ALTEN CONSTRUCTION, INC.  
SAUSOLITO PUBLIC SAFETY BUILDINGS  
12/09/08 UPDATE  
ALL ACTIVITIES

Start Date	09OCT08	Approved
Finish Date	27MAR10	
Data Date	09DEC08	
Run Date	10DEC08 23:03	

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float	2009												2010												
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	J	F	M	A		
15600	PREPARE / SUBMIT SUN CONTROL DEVICES	40	09OCT08A	03NOV08A																										
15700	REVIEW / APPROVE SUN CONTROL DEVICES	8	04NOV08A	10DEC08	236																									
15800	PROCURE / DELIVER CANOPIES	40	11DEC08	12FEB09	236																									
15900	PREPARE / SUBMIT PROJECTION SCREENS	60	09OCT08A	26JAN09	224																									
16000	REVIEW / APPROVE PROJECTION SCREENS	8	27JAN09	05FEB09	224																									
16100	PROCURE / DELIVER PROJECTION SCREEN	20	06FEB09	06MAR09	224																									
16200	PREPARE / SUBMIT BULLET RESISTIVE CONSTRUCTION	60	09OCT08A	27OCT08A																										
16300	REVIEW / APPROVE BULLET RESISTIVE CONSTRUCTION	8	28OCT08A	24NOV08A																										
16400	PROCURE / DELIVER BULLET RESISTIVE CONSTRUCTION	40	25NOV08A	26JAN09	206																									
16500	PREPARE / SUBMIT HYDRAULIC ELEVATORS	40	09OCT08A	26NOV08A																										
16600	REVIEW / APPROVE HYDRAULIC ELEVATORS	8	01DEC08A	10DEC08	191																									
16700	PROCURE / DELIVER HYDRAULIC ELEVATORS	40	11DEC08	12FEB09	191																									
16800	PREPARE / SUBMIT FIRE POLE	60	09OCT08A	20OCT08A																										
16900	REVIEW / APPROVE FIRE POLE	8	21OCT08A	08DEC08A																										
17000	PROCURE / DELIVER FIRE POLE	40	09DEC08	10FEB09	241																									
17100	PREPARE / SUBMIT PLUMBING	30	09OCT08A	20OCT08A																										
17200	REVIEW / APPROVE PLUMBING	8	21OCT08A	26NOV08A																										
17300	PROCURE / DELIVER PLUMBING	20	01DEC08A	31DEC08	168																									
17400	PREPARE / SUBMIT FIRE SPRINKLER	22	09OCT08A	22DEC08	121																									
17500	REVIEW / APPROVE FIRE SPRINKLER (DEFERRED)	22	23DEC08	28JAN09	121																									
17600	PROCURE / DELIVER FIRE SPRINKLER	20	29JAN09	26FEB09	121																									
17700	PREPARE / SUBMIT HVAC EQUIPMENT	30	09OCT08A	06JAN09	200																									
17800	REVIEW / APPROVE HVAC EQUIPMENT	8	07JAN09	19JAN09	200																									
17900	PROCURE / DELIVER HVAC EQUIPMENT	40	20JAN09	17MAR09	200																									
18000	PREPARE / SUBMIT HVAC DUCTWORK	30	09OCT08A	06JAN09	138																									
18100	REVIEW / APPROVE HVAC DUCTWORK	8	07JAN09	19JAN09	138																									
18200	PROCURE / DELIVER HVAC DUCTWORK	20	20JAN09	17FEB09	138																									
18300	PREPARE / SUBMIT VEHICLE EXHAUST REMOVAL SYS.	30	09OCT08A	20OCT08A																										
18400	REVIEW / APPROVE VEHICLE EXHAUST REMOVAL SYS.	8	21OCT08A	10DEC08	228																									
18500	PROCURE / DELIVER VEHICLE EXHAUST REMOVAL SYS.	40	11DEC08	12FEB09	228																									
18600	PREPARE / SUBMIT ELECTRICAL LIGHTING	30	09OCT08A	01DEC08A																										
18700	REVIEW / APPROVE ELECTRICAL LIGHTING	8	02DEC08A	10DEC08	207																									
18800	PROCURE / DELIVER ELECTRICAL LIGHTING	40	11DEC08	12FEB09	207																									
18900	PREPARE / SUBMIT LOW VOLTAGE LIGHTING CONTROL	30	09OCT08A	01DEC08A																										
19100	REVIEW / APPROVE LOW VOLTAGE LIGHTING CONTROL	8	02DEC08A	11DEC08	206																									

Start Date 09OCT08  
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ALTEN CONSTRUCTION, INC.

SAUSOLITO PUBLIC SAFETY BUILDINGS

12/09/08 UPDATE  
ALL ACTIVITIES

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Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float	2008						2009								
						O	N	D	J	F	M	A	J	J	A	S	O	N	D	
19200	PROCURE / DELIVER LOW VOLTAGE LIGHTING CONTROL	40	12DEC08	13FEB09	206															
19300	PREPARE / SUBMIT EMERGENCY GENERATOR	50	09OCT08A	01DEC08A																
19400	REVIEW / APPROVE EMERGENCY GENERATOR	8	02DEC08A	11DEC08	222															
19500	PROCURE / DELIVER EMERGENCY GENERATOR	40	12DEC08	13FEB09	222															
19600	PREPARE / SUBMIT FIRE ALARM	22	09OCT08A	01DEC08A	141															
19700	REVIEW / APPROVE FIRE ALARM (DEFERRED)	22	02DEC08A	06JAN09	141															
19800	PROCURE / DELIVER FIRE ALARM	40	07JAN09	05MAR09	141															
20200	PREPARE / SUBMIT PAVEMENT MARKINGS	60	09OCT08A	03NOV08A																
20300	REVIEW / APPROVE PAVEMENT MARKINGS	8	04NOV08A	10DEC08	239															
20400	PROCURE / DELIVER PAVEMENT MARKINGS	40	11DEC08	12FEB09	239															
20500	PREPARE / SUBMIT U/G UTILITIES (WATER/SEWER/SD)	30	09OCT08A	21NOV08A																
20600	REVIEW / APPROVE U/G UTILITIES (WATER/SEWER/SD)	8	24NOV08A	10DEC08	79															
20700	PROCURE / DELIVER U/G UTILITIES (WATER/SEWER/SD)	40	11DEC08	12FEB09	79															
20800	PREPARE / SUBMIT EROSION CONTROL PLAN	5	09OCT08A	09DEC08	20															
20900	REVIEW / APPROVE EROSION CONTROL PLAN	8	10DEC08	19DEC08	20															
21000	PREPARE / SUBMIT TRASH ENCLOSURE	22	09OCT08A	01DEC08A																
21100	REVIEW / APPROVE TRASH ENCLOSURE (DEFERRED)	22	02DEC08A	06JAN09	50															
21200	PROCURE / DELIVER TRASH ENCLOSURE	30	07JAN09	19FEB09	50															
21300	PREPARE / SUBMIT SUNSCREENS	22	09OCT08A	22DEC08	196															
21400	REVIEW / APPROVE SUNSCREENS (DEFERRED)	22	23DEC08	28JAN09	196															
21500	PROCURE / DELIVER SUNSCREENS	50	29JAN09	09APR09	196															
<b>GENERAL SITEWORK</b>																				
31200	MOBILIZATION	10	09OCT08A	22OCT08A																
31300	IMPLEMENT EROSION CONTROL	1	09OCT08A	09OCT08A																
31350	ID/DISCUSS ADDED UG ELECT WK FOR HIGH VOLT LINES	1	23OCT08A	27OCT08A																
31360	OWNER DIRECTION TO PERFORM UG ELECT WORK	1	28OCT08A	10NOV08A																
31370	REPUBLIC PROVIDE PRICING FOR UG ELECT WORK	1	11NOV08A	17NOV08A																
31380	LESLIE PROVIDE PRICING FOR ABOVE GR. ELECT WK	1	11NOV08A	21NOV08A																
31390	SCHEDULE REPUBLIC TO START WORK	8	24NOV08A	05DEC08A																
31395	REPUBLIC (CITY SUB) RESCHEDULE ITS WORK	10	08DEC08A	22DEC08	11															
31400	REMOVE / STORE (E) STREET LIGHT	1	23DEC08	23DEC08	11															
31500	DEMO (E) SIDEWALK	10	10OCT08A	23OCT08A																
31600	END OF 2008-2009 WINTER SEASON - RESUME SITWORK	0	30MAR09*	42																
31700	DEMO (E) CURBS	5	31MAR09	06APR09	42															
31800	TRENCH / UTILITIES ACROSS JOHNSON & CALEDONIA	10	07APR09	20APR09	42															

Start Date  
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1/13/09

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ALLEN CONSTRUCTION, INC.  
SAUSOLITO PUBLIC SAFETY BUILDINGS  
12/09/08 UPDATE  
ALL ACTIVITIES

Date      Revision  
Approved  
Checked

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float	2008												2009													
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A							
31900	PLACE SUBGRADE AT DRIVEWAYS / SIDEWALKS	10	21APR09	04MAY09	42																										
31950	INSTALL IRRIGATION MAINS	7	05MAY09	13MAY09	42																										
32000	PLACE TRANSFORMER PAD / EMERG. GEN. PAD	4	14MAY09	19MAY09	42																										
32100	PLACE CURB & GUTTER	10	20MAY09	03JUN09	42																										
32200	PLACE SITE CONCRETE	15	07JUL09	27JUL09	20																										
32300	INSTALL TRANSFORMER	1	28JUL09	28JUL09	104																										
32350	P&E INSTALL PRIMARY TO TRANSFORMER	5	29JUL09	04AUG09	104																										
32370	INSTALL SECONDARY TO SWITCHGEAR	5	05AUG09	11AUG09	104																										
32380	INSPECT / PERMANENT POWER	1	12AUG09	12AUG09	104																										
32400	INSTALL GENERATOR	8	28JUL09	06AUG09	108																										
32500	STIPING	2	13JAN10	14JAN10	8																										
38000	INSTALL IRRIGATION / LANDSCAPING	10	31DEC09	14JAN10	8																										
38100	SITWORK SUBSTANTIAL COMPLETION	0		14JAN10	8																										
<b>POLICE STATION STRUCTURE</b>																															
41500	SURVEY BUILDING LINES	8	09OCT08A	20OCT08A																											
41600	SELECTIVE CONCRETE DEMO	20	09OCT08A	05NOV08A																											
41700	PARTIAL DEMO OF BACK RETAINING WALL	5	21NOV08A	26NOV08A																											
41710	GEOTECH:SOILS REPT WRONG:EAST NEIGHB NOT BEDROCK	1	25NOV08A	25NOV08A																											
41715	ENGINEER'S REVIEW OF DIRECTION	1	26NOV08A	26NOV08A																											
41720	ALTEN DISCUSS DIRECTION WITH ENGINEER CARL	1	29NOV08A	29NOV08A																											
41725	ENGINEER SUGGESTS UNDERPINNING EAST NEIGHBOR	1	01DEC08A	01DEC08A																											
41730	ENGINEER VISITS SITE TO REVIEW / MEET w GEOTECH	1	02DEC08A	02DEC08A																											
41735	GEOTECH DIRECTION TO EXCAVATE TO BEDROCK	1	03DEC08A	03DEC08A																											
41740	EXCAVATE FOR UNDERPINNING - NO ROCK AT 15'	5	03DEC08A	09DEC08	0																										
41745	CONSULT WITH GEOTECH RE: BLDG FOUNDTN / BASEROCK	1	10DEC08	10DEC08	7																										
41750	INSTALL STEEL CAGES FOR UNDERPINNING PIERS	1	10DEC08	10DEC08	0																										
41755	PLACE UNDERPINNING PIERS FOR EAST NEIGHBOR SEQ. 2	1	11DEC08	11DEC08	0																										
41760	EXCAVATE FOR UNDERPINNING AT SEQUENCE 2	4	12DEC08	17DEC08	0																										
41765	INSTALL STEEL CAGES FOR UNDERPIN PIERS SEQ. 2	1	18DEC08	18DEC08	0																										
41770	PLACE UNDERPIN PIERS FOR EAST NEIGHBOR SEQ. 2	1	19DEC08	19DEC08	0																										
41800	DRILL / INSTALL TIEBACKS	10	22DEC08	06JAN09	0																										
41900	COMPLETE DEMOLITION	10	09JAN09	23JAN09	0																										
42000	CUT BUILDING PADS / ROUGH GRADE	5	26JAN09	30JAN09	0																										
42300	EXCAVATE LINE E / LINE 1 FOOTINGS	4	02FEB09	05FEB09	0																										
42350	INSTALL SLEEVES FOR U/G UTILITIES	4	02FEB09	05FEB09	2																										

Start Date	09OCT08	501A	ALTEN CONSTRUCTION, INC.
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		Early Bar	
		Progress Bar	
		Critical Activity	
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Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total	2008	2009	J	F	M	A	S	O	N	D	J	F	M	A	
					Float	O	N	D	J	J	A	S	O	N	D	J	J	A	S	
42400	LEAN FILL CONCRETE LINE E / LINE 1	1	06FEB09	06FEB09	2															
42500	REBAR LINE E / LINE 1 FOOTINGS	5	10FEB09	16FEB09	2															
42600	PLACE LINE E / LINE 1 FOOTINGS	1	17FEB09	17FEB09	2															
42700	FORMWORK / WATERPROOFING LINE E / LINE 1 WALLS	15	18FEB09	10MAR09	2															
42800	REBAR LINE E / LINE 1 WALLS	5	06MAR09	12MAR09	2															
42900	SHOTCRETE LINE E / LINE 1 WALLS	1	13MAR09	13MAR09	2															
43000	EXCAVATE DEEP FTGS	7	06FEB09	17FEB09	0															
43100	PLACE LEAN FILL	2	18FEB09	19FEB09	0															
43200	REBAR DEEP FTGS	7	20FEB09	02MAR09	0															
43300	PLACE DEEP FTGS	1	03MAR09	03MAR09	0															
43400	DRILL / INSTALL ELEVATOR RAM	4	04MAR09	09MAR09	22															
43500	FORM / REBAR / PLACE ELEVATOR PIT SLAB / WALLS	10	04MAR09	17MAR09	0															
43600	EXCAVATE REMAINING FOOTINGS	5	18MAR09	24MAR09	0															
43700	PLACE LEAN FILL AT REMAINING FOOTINGS	3	25MAR09	27MAR09	0															
43800	REBAR REMAINING FOOTINGS	5	30MAR09	03APR09	0															
43900	INSTALL ANCHOR BOLTS AT REMAINING FOOTINGS	2	06APR09	07APR09	0															
44000	PLACE REMAINING FOOTINGS	1	08APR09	08APR09	0															
44100	SET COLUMNS / BEAMS AT 4, 5, 9	10	09APR09	22APR09	0															
44200	FORM 1 SIDE INTERIOR WALLS	20	23APR09	20MAY09	0															
44300	REBAR INTERIOR WALLS	20	30APR09	28MAY09	0															
44400	INSTALL TEMPLATES / EMBEDS AT INTERIOR WALLS	4	22MAY09	28MAY09	0															
44500	SCOTCERETE INTERIOR WALLS	5	29MAY09	04JUN09	0															
44550	STRIP INTERIOR WALLS	3	05JUN09	09JUN09	0															
44600	ROCK / SAND / VAPOR BARRIER	5	10JUN09	16JUN09	0															
44700	FORM SLAB ON GRADE	8	17JUN09	26JUN09	0															
44800	REBAR SLAB ON GRADE	5	23JUN09	29JUN09	0															
44900	SET SCREEDS	5	26JUN09	02JUL09	0															
45000	INSTALL EMBEDS / ANCHOR BOLTS	3	30JUN09	02JUL09	0															
45100	PLACE SLAB ON GRADE	1	06JUL09	06JUL09	0															
45200	ERECT STRUCTURAL STEEL / STAIRS / LAY PAN DECK	25	07JUL09	10AUG09	0															
45300	WELD DECKING POLICE STATION	10	11AUG09	24AUG09	0															
45400	EDGE FORM LEVEL 2	7	25AUG09	02SEP09	0															
45500	INSTALL REBAR LEVEL 2	7	25AUG09	02SEP09	0															
45600	PLACE LEVEL 2 CONCRETE	1	03SEP09	03SEP09	2															
45700	STRIP EDGE FORM LEVEL 2	2	04SEP09	08SEP09	2															

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ALL ACTIVITIES			

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total	2008	2009	J	F	M	A	S	O	N	D	J	F	M	A
					O	N	D	J	F	M	A	M	J	A	S	O	N	D	J
45800	EDGE FORM ROOF	7 03SEP09	14SEP09	0															
45900	INSTALL REBAR ROOF	7 03SEP09	14SEP09	0															
46000	PLACE ROOF CONCRETE	1 15SEP09	15SEP09	0															
46100	STRIP EDGE FORM ROOF	2 16SEP09	17SEP09	0															
<b>POLICE STATION EXTERIOR</b>																			
51200	EXTERIOR FRAMING LEVEL 1	12 09SEP09	24SEP09	8															
51300	EXTERIOR FRAMING LEVEL 2	12 18SEP09	05OCT09	3															
51400	SCAFFOLD FIRE STATION	5 09SEP09	15SEP09	13															
51500	EXTERIOR SHEATHING LEVEL 1	5 23SEP09	29SEP09	8															
51550	INSTALL FLASHINGS LEVEL 1	4 28SEP09	01OCT09	8															
51600	EXTERIOR SHEATHING LEVEL 2	5 02OCT09	08OCT09	3															
51700	INSTALL FLASHINGS LEVEL 2	4 07OCT09	12OCT09	3															
51800	INSTALL STOREFRONTS / WINDOWS LEVEL 1	10 02OCT09	15OCT09	10															
51900	INSTALL ROLL-UP DOORS LEVEL 1	6 30SEP09	07OCT09	16															
52000	INSTALL STOREFRONTS / WINDOWS LEVEL 2	10 13OCT09	26OCT09	3															
52100	LATH / PAPER EXTERIOR	12 02OCT09	22OCT09	8															
52200	SCRATCH / BROWN STUCCO	15 12OCT09	30OCT09	8															
52300	CURE SCRATCH / BROWN STUCCO	5 02NOV09	06NOV09	8															
52500	WATERPROOFING AT BRICK VENEER LOCATIONS	10 09NOV09	20NOV09	8															
52600	INSTALL CAST STONE	15 16NOV09	08DEC09	8															
52700	INSTALL BRICK VENEER	20 23NOV09	22DEC09	8															
53000	REMOVE SCAFFOLDING	5 23DEC09	30DEC09	8															
53100	INSTALL EXTERIOR CANopies	5 31DEC09	07JAN10	13															
53200	INSTALL CAST METAL SIGNAGE	2 31DEC09	04JAN10	16															
53250	INSTALL HANDRAILS	3 23DEC09	28DEC09	20															
53300	INSTALL RIGID ROOF INSULATION	7 09OCT09	19OCT09	3															
53400	INSTALL ROOFING / FLASHING	5 20OCT09	26OCT09	3															
53500	BUILDING DRIED-IN	0	26OCT09	3															
53600	INSTALL ROOFTOP EQUIPMENT / PIPING	4 27OCT09	30OCT09	44															
53650	INSTALL ROOF SCREENS	5 02NOV09	06NOV09	53															
53670	INSTALL UNIT SKYLIGHTS	4 27OCT09	30OCT09	58															
53700	INSTALL PATIO HARDWOOD DECKING AT ROOFS	3 31DEC09	05JAN10	15															
<b>POLICE STATION INTERIOR</b>																			
61200	LAYOUT / INSTALL HANGERS LEVEL 1	3 09SEP09	11SEP09	2															
61300	INSTALL SPRINKLER ROUGH-IN LEVEL 1	5 14SEP09	16SEP09	2															
61400	LAYOUT / INSTALL HANGERS LEVEL 2	3 18SEP09	22SEP09	0															
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SAUSOLITO PUBLIC SAFETY BUILDINGS  
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Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total	2008	2009	J	F	M	A	M	J	A	S	O	N	D	2010		
					O	N	D	J	F	M	A	M	J	A	S	O	N	D	J	F	M
61500	INSTALL SPRINKLER ROUGH-IN LEVEL 2	5	23SEP09	28SEP09	0																
61600	INSTALL MEP MAINS LEVEL 1	5	21SEP09	25SEP09	2																
61700	INSTALL MEP MAINS LEVEL 2	5	30SEP09	06OCT09	0																
61800	INTERIOR FRAMING / DOOR FRAMES LEVEL 1	12	28SEP09	13OCT09	2																
62000	INTERIOR FRAMING / DOOR FRAMES LEVEL 2	10	07OCT09	20OCT09	0																
62100	IN-WALL MEP ROUGH-IN LEVEL 1	15	07OCT09	27OCT09	2																
62200	IN-WALL MEP ROUGH-IN LEVEL 2	15	14OCT09	03NOV09	0																
62300	INSULATION LEVEL 1	2	28OCT09	29OCT09	2																
62400	INSULATION LEVEL 2	2	04NOV09	05NOV09	0																
62500	INTERIOR DRYWALL / TAPE / FINISH LEVEL 1	15	30OCT09	19NOV09	2																
62550	INSTALL BULLET RESISTIVE CONSTRUCTION	5	04NOV09	10NOV09	9																
62600	INTERIOR DRYWALL / TAPE / FINISH LEVEL 2	13	06NOV09	24NOV09	0																
62700	PAINT LEVEL 1	5	20NOV09	30NOV09	2																
62800	PAINT LEVEL 2	5	25NOV09	03DEC09	0																
62900	INSTALL CEILING GRID LEVEL 1	8	01DEC09	10DEC09	2																
63000	INSTALL CEILING GRID LEVEL 2	8	04DEC09	15DEC09	0																
63100	INSTALL MEP AT ACOUSTICAL CEILINGS / TRIM LEVEL 1	8	03DEC09	15DEC09	2																
63200	INSTALL MEP AT ACOUSTICAL CEILINGS / TRIM LEVEL 2	8	08DEC09	18DEC09	0																
63300	INSTALL CEILING TILE LEVEL 1	3	16DEC09	18DEC09	2																
63400	INSTALL CEILING TILE LEVEL 2	3	21DEC09	23DEC09	0																
63500	INSTALL WAINSCOT PANELING LEVEL 2	3	24DEC09	29DEC09	1																
63600	INSTALL CERAMIC TILE WALLS / FLOOR LEVEL 1	4	01DEC09	04DEC09	27																
63700	INSTALL CERAMIC TILE WALLS / FLOOR LEVEL 2	12	04DEC09	21DEC09	16																
63800	INSTALL PLUMBING FIXTURES LEVEL 1	4	07DEC09	10DEC09	27																
63900	INSTALL PLUMBING FIXTURES LEVEL 2	6	22DEC09	30DEC09	16																
64000	INSTALL TOILET PARTITIONS / ACCESSORIES LEVEL 1	2	11DEC09	14DEC09	27																
64100	INSTALL TOILET PARTITIONS / ACCESSORIES LEVEL 2	2	31DEC09	04JAN10	16																
64300	INSTALL LOCKERS LEVEL 2	2	04DEC09	07DEC09	16																
64400	INSTALL CASEWORK LEVEL 1	5	21DEC09	28DEC09	2																
64500	INSTALL CASEWORK LEVEL 2	3	24DEC09	29DEC09	0																
64600	INSTALL KITCHEN EQPT LEVEL 2	1	30DEC09	03DEC09	0																
64700	INSTALL DECORATIVE WALL PANELING LEVEL 1	3	04DEC09	08DEC09	5																
64800	INSTALL DECORATIVE METAL RAILING SYSTEM	5	09DEC09	15DEC09	5																
64900	INSTALL FRP LEVEL 1	1	01DEC09	01DEC09	15																
64950	INSTALL FRP LEVEL 2	1	04DEC09	04DEC09	17																

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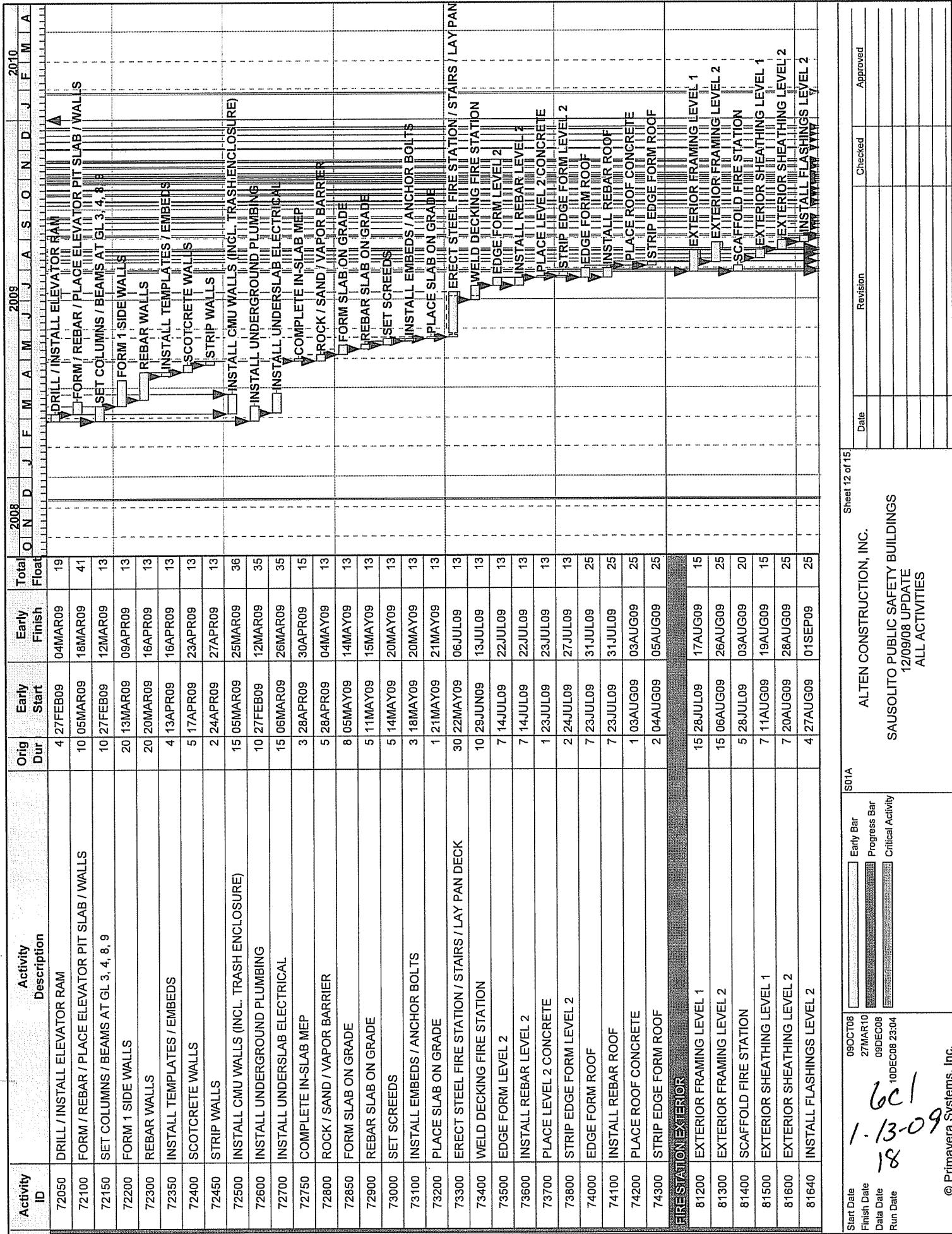
Approved  
Checked

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float	2008		2009		2010								
						O	N	D	J	F	M	A	J	S	O	N	D	
65000	INSTALL FLOORING LEVEL 1	8 16DEC08	28DEC08	5														
65100	INSTALL FLOORING LEVEL 2	8 31DEC08	12JAN10	0														
65200	INSTALL DOORS & HARDWARE LEVEL 1	5 29DEC08	05JAN10	5														
65300	INSTALL DOORS & HARDWARE LEVEL 2	5 13JAN10	19JAN10	0														
65500	INSTALL INTERIOR SIGNAGE	2 13JAN10	14JAN10	8														
65520	INSTALL PROJECTION SCREEN	1 29DEC08	29DEC09	19														
65540	INSTALL MARKERBOARD	1 29DEC08	29DEC09	19														
65590	INSTALL FIRE EXTINGUISHERS / CABINETS	1 04DEC08	04DEC09	35														
65600	INSTALL ELEVATOR SHAFTWALLS	10 21OCT08	03NOV09	6														
65700	INSTALL ELEVATOR GUIDERAILS	15 04NOV09	24NOV09	6														
65800	INSTALL ELEVATOR CAR	15 25NOV09	17DEC09	6														
65900	INSTALL ELEVATOR FRONTS	10 18DEC08	04JAN10	6														
66000	ELEVATOR ADJUSTMENT / TESTING	5 05JAN10	11JAN10	6														
66100	ELEVATOR INSPECTION	5 12JAN10	18JAN10	6														
66200	MEP TESTING / BALANCING	10 13JAN10	26JAN10	0														
66300	LIFE SAFETY TESTING / SIGN-OFF	10 13JAN10	26JAN10	0														
68000	POLICE STATION SUBSTANTIAL COMPLETION	0		26JAN10	0													
<b>FIRE STATION</b>																		
71500	SURVEY BUILDING LINES	10 09OCT08A	22OCT08A															
71520	ROUGH GRADE FIRE STATION SITE	5 23OCT08A	29OCT08A															
71530	FUEL TANKS DISCOVERED - STOP WORK	1 29OCT08A	29OCT08A															
71540	TANK REMOVAL / SOIL TESTING BY CITY	17 30OCT08A	21NOV08A															
71550	DIRECTION TO OVEREX SOIL GIVEN TO ALTEN	1 21NOV08A	21NOV08A															
71560	SCHEDULE / PERFORM OVEREXCAVATION / BACKFILL PIT	4 24NOV08A	01DEC08A															
71570	TESTING OF SPOILS	5 02DEC08A	08DEC08A															
71580	OFFHAUL SPOILS TO HAZ MAT DUMPSITES PER TESTING	4 09DEC08	12DEC08	13														
71590	REDO ROUGH GRADING / IMPORT ADDED SOIL	5 15DEC08	19DEC08	13														
71595	SURVEY / LAYOUT FOR PILES	2 22DEC08	23DEC08	13														
71600	DRIVE / CUT PILES	20 24DEC08	27JAN09	13														
71700	CLEANUP / REGRADE	2 28JAN09	29JAN09	13														
71800	EXCAVATE FTGS / PILECAPS	5 30JAN09	05FEB09	13														
71850	PLACE UTILITY SLEEVES	2 30JAN09	02FEB09	16														
71900	REBAR FTGS / PILECAPS	10 06FEB09	20FEB09	13														
71950	INSTALL EMBEDS / ANCHOR BOLTS	3 23FEB09	25FEB09	13														
72000	PLACE FTGS / PILECAPS (INCL. TRASH ENCLOSURE)	1 26FEB09	26FEB09	13														

Sheet 11 of 15  
 ALTEN CONSTRUCTION, INC.  
 SAUSOLITO PUBLIC SAFETY BUILDINGS  
 12/09/08 UPDATE  
 ALL ACTIVITIES

Start Date 09OCT08  
 Finish Date 27MAR10  
 Data Date 09DEC08  
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Approved  
 Checked  
 Critical Activity



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 ALTEN CONSTRUCTION, INC.  
 SAUSOLITO PUBLIC SAFETY BUILDINGS  
 12/09/08 UPDATE  
 ALL ACTIVITIES

Start Date 09OCT08  
 Finish Date 27MAR10  
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 Approved  
 Checked  
 Critical Activity

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float	2008		2009		2010	
						O N D	J F M	A M J	S O N D	J F M A	
81660	INSTALL STOREFRONTS LEVEL 1	12	20AUG09	04SEP09	34						
81670	INSTALL ROLL-UP DOORS LEVEL 1	6	20AUG09	27AUG09	40						
81680	INSTALL STOREFRONTS / WINDOWS LEVEL 2	12	02SEP09	18SEP09	25						
81700	LATH / PAPER EXTERIOR	17	20AUG09	14SEP09	15						
81800	SCRATCH / BROWN STUCCO	15	03SEP09	24SEP09	15						
81900	CURE SCRATCH / BROWN STUCCO	5	25SEP09	01OCT09	15						
82000	FINISH COAT STUCCO	10	02OCT09	15OCT09	64						
82100	WATERPROOFING AT BRICK VENEER LOCATIONS	10	02OCT09	15OCT09	15						
82200	INSTALL CAST STONE	15	09OCT09	29OCT09	15						
82300	INSTALL BRICK VENEER	25	16OCT09	19NOV09	15						
82400	INSTALL PREFAB METAL CORNICE	10	20NOV09	07DEC09	15						
82500	INSTALL CAST STONE COLUMN CAPITAL	4	08DEC09	11DEC09	15						
82600	REMOVE SCAFFOLDING	5	14DEC09	18DEC09	15						
82700	INSTALL EXTERIOR CANOPIES	5	21DEC09	28DEC09	20						
82800	INSTALL CAST METAL SIGNAGE	2	21DEC09	22DEC09	23						
82900	INSTALL RIGID ROOF INSULATION	7	31AUG09	09SEP09	27						
83000	INSTALL ROOFING / FLASHING	5	10SEP09	16SEP09	27						
83100	BUILDING DRIED-IN	0		18SEP09	25						
83200	INSTALL ROOFTOP EQUIPMENT / PIPING	4	02NOV09	05NOV09	44						
83250	INSTALL ROOF SCREENS	5	06NOV09	12NOV09	49						
83270	INSTALL TUBULAR SKYLIGHTS	4	17SEP09	22SEP09	86						
83300	INSTALL PATIO HARDWOOD DECKING AT ROOFS	3	09DEC09	11DEC09	30						
<b>FIRE STATION INTERIOR</b>											
91100	LAYOUT / INSTALL HANGERS LEVEL 1	3	28JUL09	30JUL09	13						
91200	INSTALL SPRINKLER ROUGH-IN LEVEL 1	5	31JUL09	06AUG09	13						
91250	LAYOUT / INSTALL HANGERS LEVEL 2	3	31JUL09	04AUG09	15						
91300	INSTALL SPRINKLER ROUGH-IN LEVEL 2	5	07AUG09	13AUG09	13						
91400	INSTALL MEP MAINS LEVEL 1	5	07AUG09	13AUG09	40						
91500	INSTALL MEP MAINS LEVEL 2	5	14AUG09	20AUG09	13						
91600	INT. FRAMING / DOOR FRAMES LEVEL 1 & MEZZANINE	8	14AUG09	25AUG09	40						
91650	FLOOR SHEATHING AT MEZZANINE	2	26AUG09	27AUG09	50						
91700	INTERIOR FRAMING / DOOR FRAMES LEVEL 2	15	21AUG09	11SEP09	13						
91800	IN-WALL MEP ROUGH-IN LEVEL 1 & MEZZANINE	15	19AUG09	09SEP09	40						
91900	IN-WALL MEP ROUGH-IN LEVEL 2	20	04SEP09	02OCT09	13						
91920	INSULATION LEVEL 1 & MEZZANINE	2	21SEP09	22SEP09	33						

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 ALTEN CONSTRUCTION, INC.  
 SAUSOLITO PUBLIC SAFETY BUILDINGS  
 12/09/08 UPDATE  
 ALL ACTIVITIES

Start Date	09OCT08	Early Bar	S01A
Finish Date	27MAR10	Progress Bar	ALTEN CONSTRUCTION, INC.
Data Date	09DEC08	Critical Activity	SAUSOLITO PUBLIC SAFETY BUILDINGS
Run Date	10DEC08 23:04		12/09/08 UPDATE
			ALL ACTIVITIES

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Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float	2008		2009		2010										
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
91940	INSULATION LEVEL 2	2	05OCT09	06OCT09	13															
92000	INTERIOR DRYWALL / TAPE / FINISH LEVEL 1 & MEZZ	15	23SEP09	13OCT09	33															
92100	INTERIOR DRYWALL / TAPE / FINISH LEVEL 2	15	07OCT09	27OCT09	13															
92200	PAINT LEVEL 1 & MEZZANINE	5	14OCT09	20OCT09	33															
92300	PAINT LEVEL 2	5	28OCT09	03NOV09	13															
92400	INSTALL CEILING GRID LEVEL 1	3	21OCT09	23OCT09	38															
92500	INSTALL CEILING GRID LEVEL 2	10	04NOV09	17NOV09	13															
92600	INSTALL MEP AT ACOUSTICAL CEILINGS / TRIM LEVEL 1	3	26OCT09	28OCT09	38															
92700	INSTALL MEP AT ACOUSTICAL CEILINGS / TRIM LEVEL 2	5	18NOV09	24NOV09	13															
92800	INSTALL CEILING TILE LEVEL 1	1	28OCT09	29OCT09	38															
92900	INSTALL CEILING TILE LEVEL 2	3	25NOV09	01DEC09	13															
93100	INSTALL WAINSCOT PANELING LEVEL 2	3	02DEC09	04DEC09	15															
93200	INSTALL CERAMIC TILE WALLS / FLOOR LEVEL 1	15	21OCT09	10NOV09	33															
93300	INSTALL CERAMIC TILE WALLS / FLOOR LEVEL 2	11	04NOV09	18NOV09	37															
93400	INSTALL PLUMBING FIXTURES LEVEL 1	4	11NOV09	16NOV09	45															
93500	INSTALL PLUMBING FIXTURES LEVEL 2	6	19NOV09	30NOV09	37															
93600	INSTALL TOILET PARTITIONS / ACCESSORIES LEVEL 1	2	17NOV09	18NOV09	45															
93700	INSTALL TOILET PARTITIONS / ACCESSORIES LEVEL 2	2	01DEC09	02DEC09	37															
93800	INSTALL TURNOUT LOCKERS LEVEL 1	1	11NOV09	11NOV09	33															
93850	INSTALL LOCKERS LEVEL 2	1	04NOV09	04NOV09	35															
93900	INSTALL CASEWORK LEVEL 1	4	30OCT09	04NOV09	38															
94000	INSTALL CASEWORK LEVEL 2	4	02DEC09	07DEC09	13															
94100	INSTALL KITCHEN EQPT LEVEL 2	1	08DEC09	08DEC09	13															
94150	INSTALL DECORATIVE WALL PANELING	2	04NOV09	05NOV09	32															
94200	INSTALL DECORATIVE METAL RAILING SYSTEM	5	06NOV09	12NOV09	32															
94300	INSTALL MIRROR AT EXERCISE ROOM	1	04NOV09	04NOV09	35															
94330	INSTALL FRP LEVEL 1	1	21OCT09	21OCT09	48															
94360	INSTALL FRP LEVEL 2	1	04NOV09	04NOV09	35															
94400	INSTALL FLOORING LEVEL 1	4	13NOV09	18NOV09	32															
94500	INSTALL FLOORING LEVEL 2	10	09DEC09	22DEC09	13															
94700	INSTALL DOORS & HARDWARE LEVEL 1 & MEZZ	3	19NOV09	23NOV09	32															
94800	INSTALL DOORS & HARDWARE LEVEL 2	5	23DEC09	30DEC09	13															
94900	INSTALL FIRE POLE	2	23DEC09	24DEC09	21															
95000	INSTALL INTERIOR SIGNAGE	2	23DEC09	24DEC09	21															
95060	INSTALL FIRE EXTINGUISHERS / CABINETS	1	04NOV09	04NOV09	55															

Start Date	08OCT09	Early Bar	Progress Bar	Approved
Finish Date	27MAR10			
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Run Date	10DEC09 23:04			
SAUSOLITO PUBLIC SAFETY BUILDINGS 12/09/08 UPDATE ALL ACTIVITIES				

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Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	2008												2009											
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A					
95050	INSTALL EXHAUST REMOVAL SYSTEM	3	21OCT09	23OCT09	53																							
95100	INSTALL ELEVATOR SHAFTWALLS	10	05OCT09	16OCT09	18																							
95200	INSTALL ELEVATOR GUIDERAILS	15	19OCT09	06NOV09	18																							
95300	INSTALL ELEVATOR CAR	15	03NOV09	01DEC09	18																							
95400	INSTALL ELEVATOR FRONTS	10	02DEC09	15DEC09	18																							
95500	ELEVATOR ADJUSTMENT / TESTING	5	16DEC09	22DEC09	18																							
95600	ELEVATOR INSPECTION	5	23DEC09	30DEC09	18																							
95700	MEP TESTING / BALANCING	10	23DEC09	07JAN10	13																							
95800	LIFE SAFETY TESTING / SIGN-OFF	10	23DEC09	07JAN10	13																							
98000	FIRE STATION SUBSTANTIAL COMPLETION	0		07JAN10	13																							
<b>COMPLETION</b>																												
99000	PROJECT SUBSTANTIAL COMPLETION	0		26JAN10	0																							
99200	PUNCHLIST / CLOSEOUT	60	27JAN10	27MAR10	0																							
99300	PROJECT FINAL COMPLETION	0		27MAR10	0																							

Start Date	09OCT08	Early Bar	Sheet 15 of 15
Finish Date	27MAR10	Progress Bar	
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ALTEN CONSTRUCTION, INC.  
SAUSOLITO PUBLIC SAFETY BUILDINGS  
12/09/08 UPDATE  
ALL ACTIVITIES

Project Final Completion



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**City of Sausalito Public Safety Facilities****Police Station 29 Caledonia Street****Fire Station 333 Johnson Street****Sausalito, CA****5. PROJECT NEW CONSTRUCTION BUDGET**

<b>Original Contract Sum:</b>	<b>\$9,266,000.00</b>
<b>Net Change by Change Order:</b>	<b>\$-0-</b>
<b>Contract Sum to Date:</b>	<b>\$9,266,000.00</b>
<b>Total Completed and Stored to Date:</b>	<b>\$680,029.49</b>
<b>Less Previous Certificates of Payment:</b>	<b>\$-0-</b>
<b>Balance to Finish:</b>	<b>\$8,585,970.51</b>
<b>Project Percentage Complete:</b>	<b>7%</b>

As of January 1<sup>st</sup>, 2009, no Change Orders have been approved and are not represented above, however, Change orders will be issued to cover the costs of the Tank Removal, changes to the Temporary Shoring at the Police Department site, and temporary removal of streetlights at the site. Once the Change Order Requests are issued by Alten, Swinerton Management & Consulting will review and provide recommendations to the City.

Alten Construction submitted their first draft Pay Application on December 29<sup>th</sup>, 2008.



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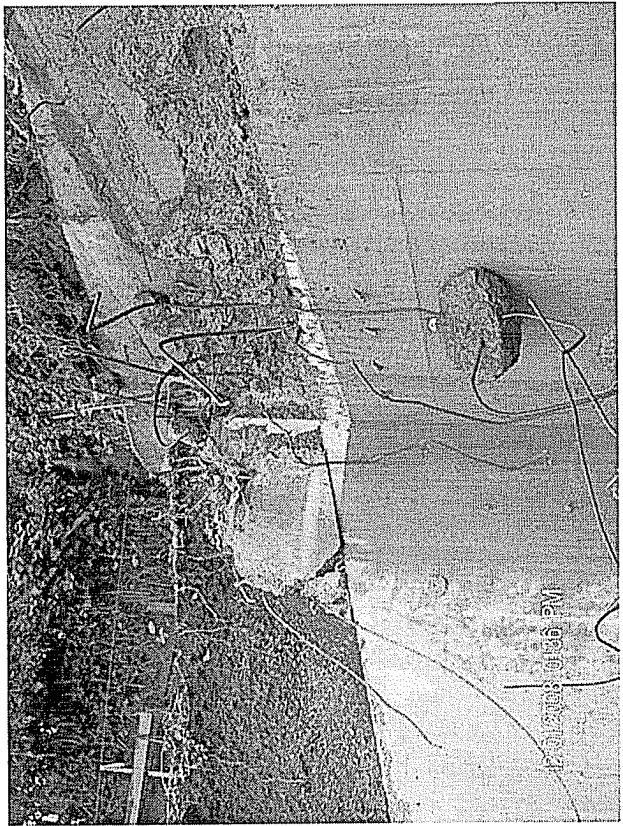
**City of Sausalito Public Safety Facilities**

**Police Station 29 Caledonia Street**

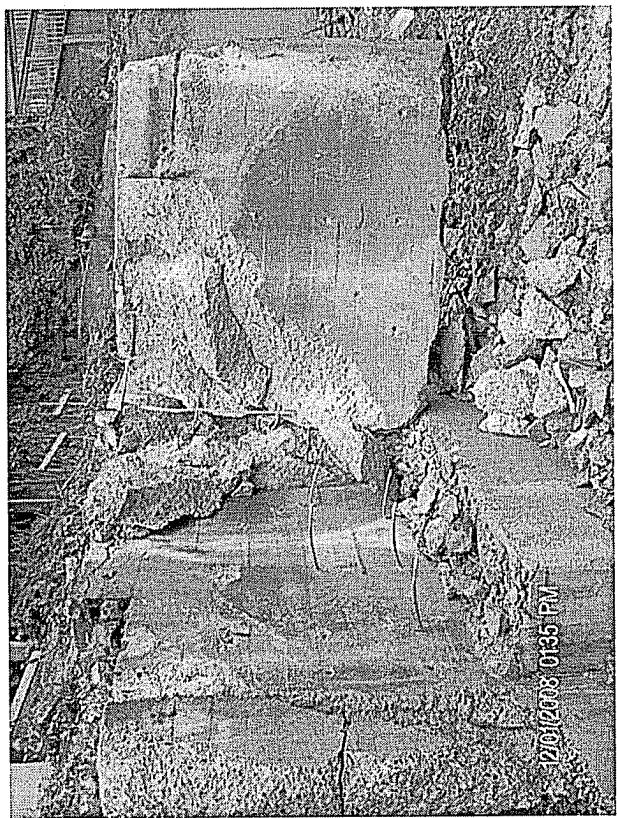
**Fire Station 333 Johnson Street**

**Sausalito, CA**

**6. PROJECT PROGRESS PHOTOS**



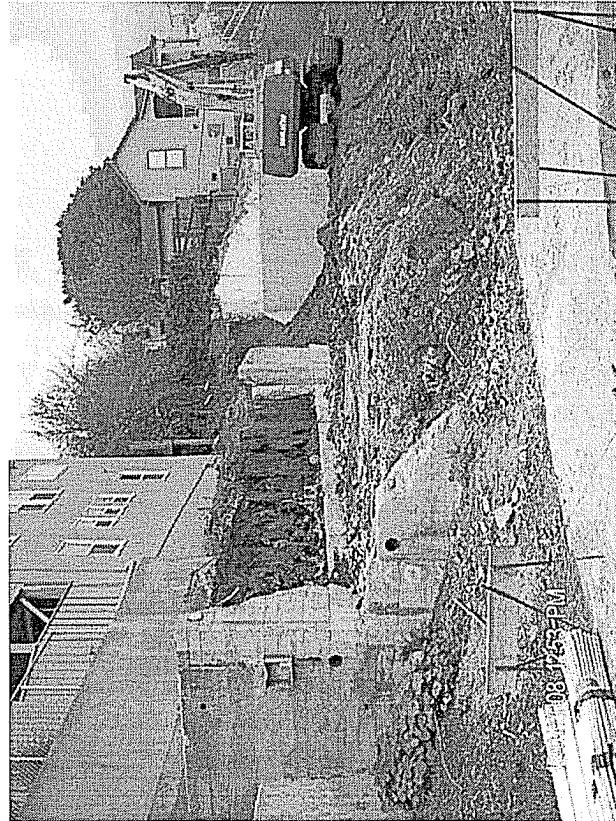
Views of demolition of  
existing retaining walls at  
Police Station site.



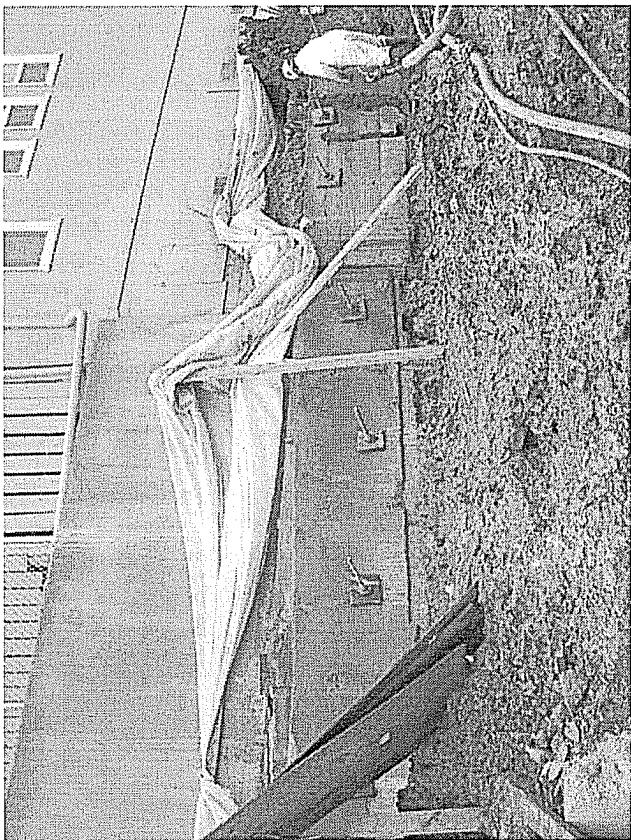
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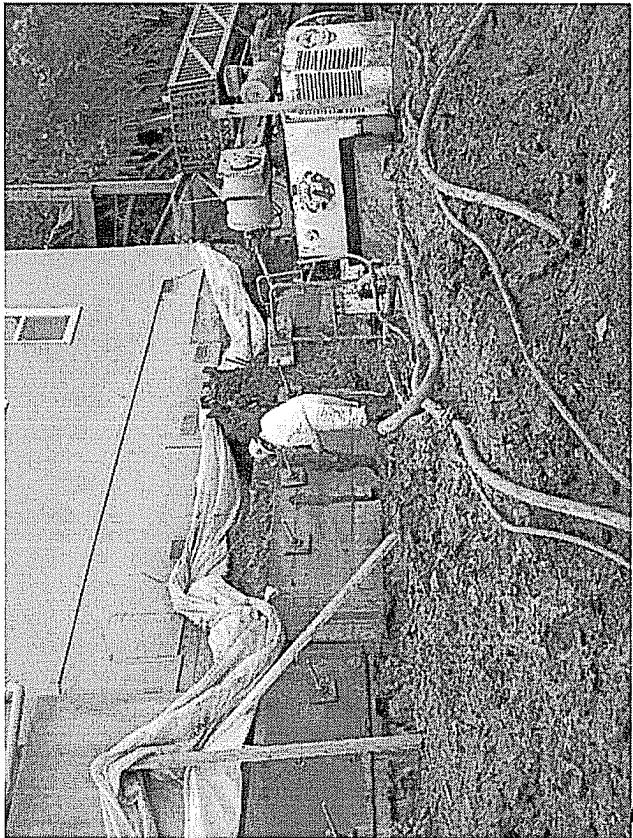
Additional views of existing  
retaining wall after first phase  
of demolition at Police  
Department Site.



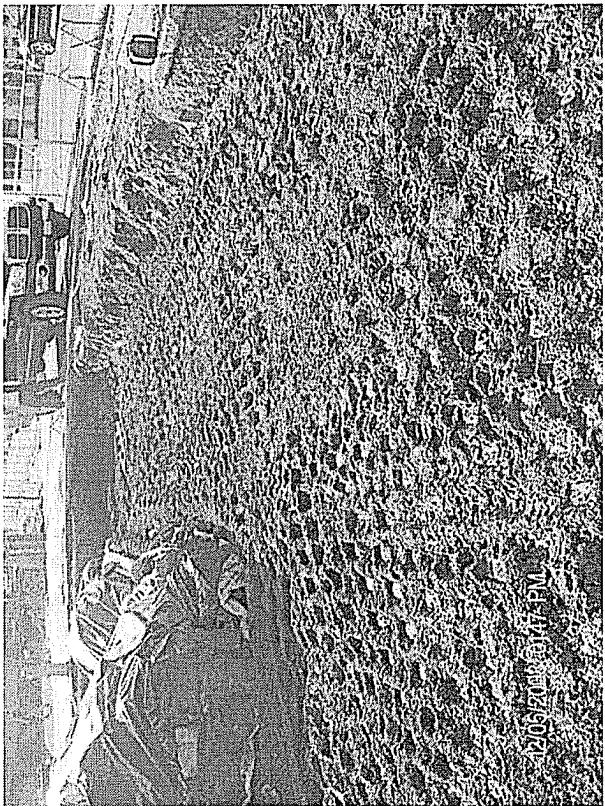
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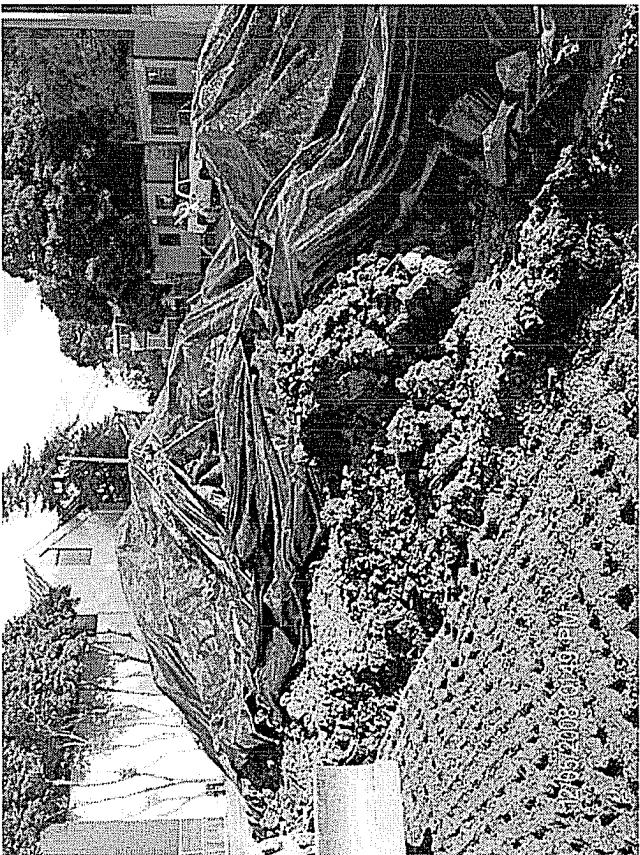
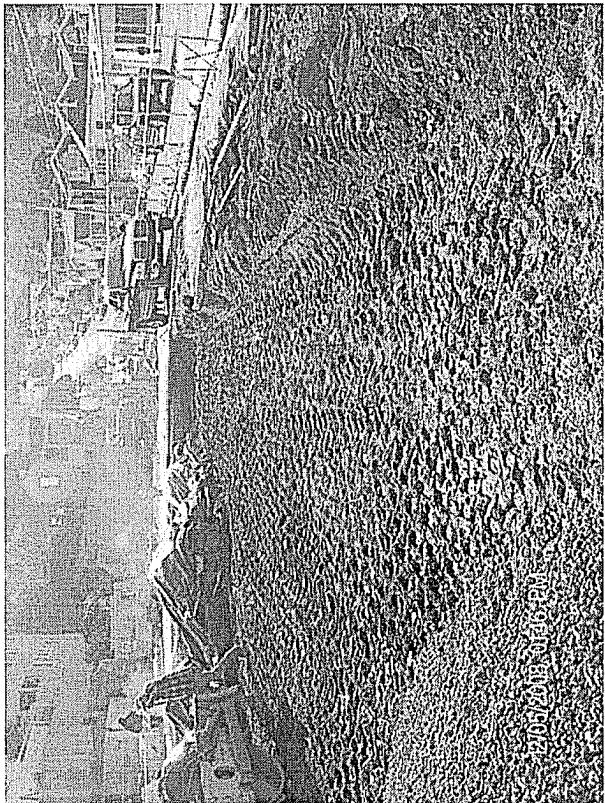
Views of first line of tie-backs for temporary shoring  
at Police Department Site.



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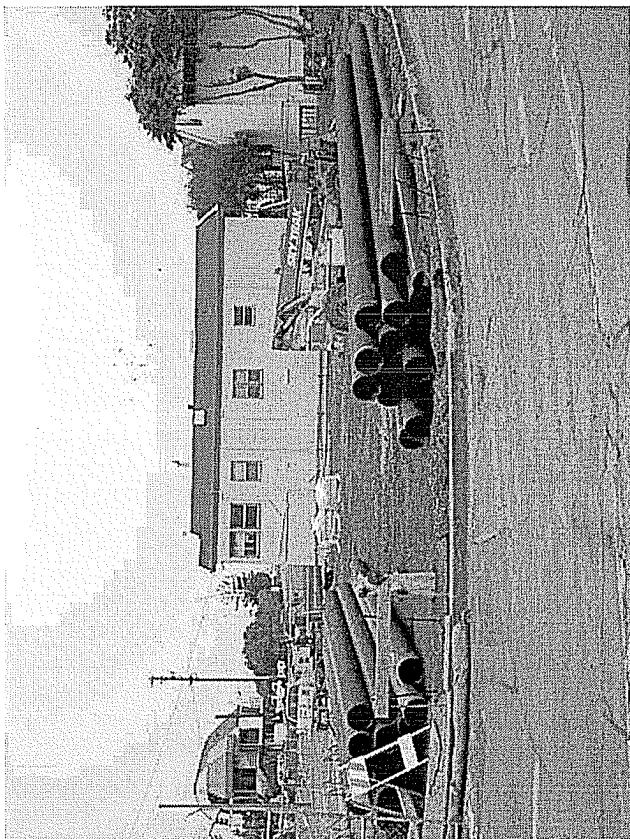
Location of removed tanks after  
clean fill placed, above, and  
picture of soil (under tarp) that  
was off-hauled.



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View of Fire Department Site  
after removal of soil and  
tanks, above left, and  
delivery of Tubex Piles to  
site, above and left.



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## Sausalito Public Safety Facilities Budget

January 6th, 2009

### Sausalito PSF

Hard Construction Costs	
Demolition	\$291,000 Peak Engineering (completed)
New Construction	\$9,266,000 Alten Construction
Potential Add Alternates	\$66,380 None accepted at this time
Sub-total hard Construction Costs	\$9,623,380
Contingency (10%)	\$962,338 Recommended
Construction Risk Prevention:	
Retaining Wall	\$105,920
<b>Total Hard Construction Costs</b>	<b>\$10,691,638</b>

Soft Construction Costs	
Sub-total of Professional Fees	Various Vendors, See Prev. \$2,489,022 worksheet
Sub-total Permits and Fees	\$450,417 Permits and PGE
Total Soft Construction Fees	\$2,939,438
Soft Cost Contingency (7%)	\$205,761 Recommended
Additional Soft Costs	\$314,858
<b>Sub-Total Soft Costs</b>	<b>\$3,460,056</b>

**TOTAL CONSTRUCTION BUDGET                                  \$14,151,694**

**NOTE:**

Budget above does not include the following items:

**Land / property sales**

**Revenue capitalization (i.e. rental income)**

**Moving / transition**

**Administrative**

**Furniture, Fixtures or Equipment**



## Sausalito Public Safety Facilities

January 6, 2009

### Construction Phase --DETAIL

#### Construction Costs:

Construction (building & sitework)	(As of December 4th, 2008)	\$9,623,380	
<b>Demo</b>	<b>\$291,000</b>		Per Contracts with:
<b>New Construction</b>	<b>\$ 9,266,000</b>		Peak Engineering, includes \$15K alternate
Add Alternate 1	\$ 24,380.00		Alten Construction
Add Alternate 2	\$ (8,000.00)		Alten Construction, not yet authorized
Add Alternate 3	\$ 50,000.00		Alten Construction, not yet authorized
♦ Allowance for (e) retaining wall work	0		Alten Construction, not yet authorized (not required, completed)
♦ Owner's Construction Contingency	10.0%	<b>962,338</b>	Recommendation for new construction
Subtotal construction costs		10,585,718	

#### FF&E Costs

♦ Furniture	0	\$0 per SF
♦ Equipment (police/fire/data/telecom/security)	0	\$0 per SF

#### Construction Risk Prevention:

Retaining Wall	105,920
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<b>Total Hard Costs</b>	<b>\$10,691,638</b>
-------------------------	---------------------

#### Professional Fees:

♦ Architecture / Engineering (BSA)	(Cancelled)	211,760	
♦ BSA expenses			
♦ Glass Architects (agreement)			
SD		59,250	
DD		291,390	
Demo Docs		35,000	
CD		437,085	
Bidding		19,426	
CA		223,399	
LEED Design		129,100	
Furniture Design		25,000	
Reimbursable		35,000	
Reimbursable amendment		25,000	Amendment #5 - Under Review
AEC		10,500	
	Total Glass (&AEC)Agreement	\$1,290,150	
♦ Project/Construction Management (SMC)		608,065	
♦ Communications (Data/Telecom/Security)		30,000	allowance
♦ Hazardous Materials testing (GPI)		4,335	(first and added tests)
♦ Geotechnical/soils testing (CEL)		7,800	completed
♦ Assist in CEQA report (CEL)		1,600	completed
♦ Document stone wall & adj. Buildings (CEL)		20,000	(existing conditions plus monitoring)
♦ Topo & record boundary survey (BKF)		15,000	completed
♦ Boundary Survey & Lot Line adjustment (BKF)		17,600	completed
♦ Locate & certify story poles (BKF)		7,700	(both installations)
♦ Install story poles (Swinerton)	Swinerton	20,150	(both installations)
♦ Locate monuments for existing stone wall (BKF)		14,000	(locate, observe at start & end of construction)
♦ Remove story poles	Swinerton	2,416	completed
Ganyer - survey test pits		1,800	completed
Live Oak install, certify & remove story poles for P.S.		11,498	completed
♦ Initial Study/Mitigated Negative Declaration (PMC)		54,696	(previously excluded)
♦ Construction testing / inspections			Prof Serv Agreements

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## Sausalito Public Safety Facilities

January 6, 2009

### Construction Phase --DETAIL

Smith Emery CEL/Geosphere	59,607	Executed
	32,866	Executed
Underground Tank Discovered and Removed	50,000	CES and AEW, approximate, from Contingency?
Archaeology (Holman & Assoc)	2,875	May exceed this amount
Hazmat Consulting (Monte Deignan)	3,134	Original Agreement
Hazmat Consulting (Monte Deignan)	1,970	Add Serv for Addtl Testing

- ♦ Design fee for corrective work to exist. stone wall 10,000 allowance
- ♦ Soil engineering for corrective work to exist. stone wall 10,000 allowance

**Subtotal professional fees** **\$2,489,022**

#### Permits and Fees:

♦ Permit allowance	158,000	Approx per fees paid
♦ Utility fees (MWD, PG&E)	96,234	estimate
PGE	51,832	If we go for 2nd plan, \$27K
♦ Insurance (Builder's Risk)	144,351	estimate
<b>Subtotal Permits and Fees</b>		<b>\$450,417</b>

♦ **Soft Cost Contingency** 7.0% **\$205,761** recommendation

#### Additional Soft Costs

Bond Overhead Costs	97,858
Cost of Issuance	99,500
Bond Accounting Services	100,000
Quint & Thrimming LLP	17,500
<b>\$314,858</b>	

**Total Soft Costs** **\$3,460,056**

**TOTAL CONSTRUCTION BUDGET** **\$14,151,694**

#### NOTE: ITEMS, EXCLUDED FROM ABOVE

Land / property sales	Moving / transition
Revenue capitalization (i.e. rental income)	Administrative
Furniture, Fixtures or Equipment	

= Amount carried forward to Summary Schedule

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